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(Use as many sheets as necessary)

JRE	Filing Date	May 10, 2001	
	First Named Inventor	Byong-man KIM, et al	
ANT	Art Unit	2184 2653	
	Examiner Name		
	Attorney Docket Number	249/257	

38/			U. S. PATENT	DOCUMENTS	· · · · · · · · · · · · · · · · · · ·
caminer Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BU		^{US-} 4,550,257	10/29/1985	BINNIIG. et al.	
BV		^{US-} 5,036,490	07/30/1991	KAJIMURA, et al.	
BU		^{US-} 5,047,649	09/10/1991	HODGSON, et al.	
BV		^{US-} 5,216,631	06/01/1993	SLIWA, Jr.	
BV		^{US-} 5,373,494	12/13/1994	KAWAGISHI, et al.	
βV		^{US-} 5,402,410	03/28/1995	YOSHIMURA, et al.	DECENTED
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		FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
.63		EP 0 325 056 A2	07/26/1989	,		
BV		EP 0 665 541 A2/A3	08/02/1995			
RJ		JP 8-315433*	11/29/1996			<u> </u>
		*& Eng. Abstract				
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Substitute for form 1449/PTO		Complete if Known		
		Application Number	09/852,300	
OIP	EINFORMATION D	ISCLOSURE	Filing Date	May 10, 2001
_	STATEMENT BY	APPLICANT	First Named Inventor	Byong-man KIM, et al
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	(Use as many sheets	as necessary)	Examiner Name	
TRADE	Sheet 2	of 2	Attorney Docket Number	249/257

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	"Very High Density Ram", IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 37, No. 9, page 555 (09/01/1994)		BV
	Patent Abstracts of Japan, Vol. 013, No. 370 (08/17/1989) [JP-01-125746]		BV
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